



## SEQUENCE LISTING

&lt;10&gt; Delaney, Allen

<120> Cancer Associated Protein Phosphatases and their  
uses

&lt;130&gt; SMAR-044

&lt;140&gt; 10/509,773

&lt;141&gt; 2005-04-14

&lt;150&gt; CA03/00393

&lt;151&gt; 2003-03-19

&lt;150&gt; 60/368,859

&lt;151&gt; 2002-03-28

&lt;160&gt; 12

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 1520

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (0)...(0)

&lt;223&gt; MKPX polynucleotide

&lt;400&gt; 1

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 <223> MKPX polypeptide

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 35 40 45  
 Lys Tyr Leu Cys Ile Pro Ala Asp Ser Pro Ser Gln Asn Leu Thr  
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 Gly Glu Ser Cys Leu Val His Cys Leu Ala Gly Val Ser Arg Ser Val  
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 Thr Leu Val Ile Ala Tyr Ile Met Thr Val Thr Asp Phe Gly Trp Glu  
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 <223> PTP4A1 polynucleotide

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<213> Homo sapiens

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<223> PTP4A1 polypeptide sequence

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Phe Ile Glu Leu Lys Lys Tyr Gly Val Thr Thr Ile Val Arg Val
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Cys Glu Ala Thr Tyr Asp Thr Thr Leu Val Glu Lys Glu Gly Ile His
             50             55             60
Val Leu Asp Trp Pro Phe Asp Asp Gly Ala Pro Pro Ser Asn Gln Ile

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<213> Homo sapiens

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          35          40          45
Val Thr Leu His Phe Leu Arg Thr Ala Gly His Pro Leu Thr Arg Trp
          50          55          60
Ala Leu Gln Arg Gln Pro Pro Ser Pro Lys Gln Leu Glu Glu Glu Phe
65          70          75          80
Leu Lys Ile Pro Ser Asn Phe Val Ser Pro Glu Asp Leu Asp Ile Pro
          85          90          95
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          100          105          110
Ser Arg Val Cys Leu Gly Arg Ala Gln Ser Gln Glu Asp Gly Asp Tyr
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Ile Asn Ala Asn Tyr Ile Arg Gly Tyr Asp Gly Lys Glu Lys Val Tyr
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Ile Ala Thr Gln Gly Pro Met Pro Asn Thr Val Ser Asp Phe Trp Glu
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<211> 454

<212> PRT

<213> Homo sapiens

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<222> (0)...(0)

<223> FEM-2 polypeptide sequence

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Leu Leu Asn Pro Glu Asp Pro Leu Pro Trp Lys Ala Pro Gly Thr Val
35          40          45
Leu Ser Gln Glu Glu Val Glu Gly Glu Leu Ala Glu Leu Ala Met Gly
50          55          60
Phe Leu Gly Ser Arg Lys Ala Pro Pro Pro Leu Ala Ala Ala Leu Ala
65          70          75          80
His Glu Ala Val Ser Gln Leu Leu Gln Thr Asp Leu Ser Glu Phe Arg
85          90          95
Lys Leu Pro Arg Glu Glu Glu Glu Glu Glu Asp Asp Asp Glu Glu
100         105         110
Glu Lys Ala Pro Val Thr Leu Leu Asp Ala Gln Ser Leu Ala Gln Ser
115         120         125
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Tyr Phe Ala Val Phe Asp Gly His Gly Gly Val Asp Ala Ala Arg Tyr						
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Met Phe Leu Arg Lys Ala Lys Arg Glu Arg Leu Gln Ser Gly Thr Thr						
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Gln Glu Leu Leu Glu Gly Gly Asn Gln Gly Glu Gly Asp Pro Gln Ala						
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<212> DNA

<213> Homo sapiens

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<223> DKFZP566K0524 polynucleotide

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<211> 398

<212> PRT

<213> Homo sapiens

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          20           25           30
Lys Leu Ser Leu Arg Asn Phe Pro His Asn Asp Tyr Glu Asp Val Phe
          35           40           45
Glu Glu Pro Ser Glu Ser Gly Ser Asp Pro Ser Met Trp Thr Ala Arg
          50           55           60

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<213> Homo sapiens

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Lys Arg Lys Gln Lys Val Leu Gly Pro Asn Gln Lys Leu Lys Phe Asn
          35           40           45
Pro Thr Glu Leu Ile Ile Tyr Cys Lys Asp Phe Arg Ile Val Arg Phe
          50           55           60
Arg Phe Asp Glu Ser Gly Pro Glu Ser Ala Lys Lys Val Cys Leu Ala
65           70           75           80
Ile Ala His Tyr Ser Gln Pro Thr Asp Leu Gln Leu Leu Phe Ala Phe
          85           90           95
Glu Tyr Val Gly Lys Lys Tyr His Asn Ser Ala Asn Lys Ile Asn Gly
          100          105          110

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12